

TCA blood drive aims for 2000 pints

By Jay Glass

The spring blood drive sponsored by the Technology Community Association (TCA) and the Red Cross will begin next week, with a special drive co-sponsored with Draper Laboratories at Draper on March 5-6 preceding the regular Institute drive held on March 7-9 and 12-16.

The Institute drive, located in the Sala de Puerto Rico in the Student Center, will operate from 9:45am-3:30pm daily, except for the evening drives of March 8 and March 12 which will be open from 2:30-8:15pm and the last day of the effort, March 16, when the nurses and tables will be working from 11am-5pm.

The goal for this spring's drive, according to Blood Drive chairman Jerry Marks '79, is "to realize a full two thousand pints collected, or approximately 250 pints per day. 2000 isn't TDM."

Appointment forms have been distributed to all living groups and throughout the Institute and Draper Lab. In order to get enough nurses and equipment from the Red Cross, blood drives must have registered enough appointments to justify their requisition of nurses and equipment. Large numbers of registered appointments allow TCA to obtain



An MIT student grimaces while donating blood at a TCA/Red Cross drive in the Sala. (photo by Rob Mitchell)

Space shuttle trouble verified

By Hans von Spakovsky

A delay in the Space Shuttle launch date as revealed in a story by *The Tech* on February 16 has been substantiated by an outside review committee, testifying before the Senate Commerce, Science and Transportation Committee's Subcommittee on Science, Technology, and Space. According to a report in the February 23 issue of the *New York Times*, a National Academy of Sciences committee said that "any additional testing problems would delay launching of the shuttle from Cape Canaveral, Florida, now scheduled for November 9." The delay may be as late as April, 1980.

National Aeronautics and Space Administration (NASA) officials are still very optimistic, and the *Times*'s article quoted John Yardley, NASA's Associate Administrator for Space Transportation Systems as saying that the predicted April, 1980 launch

date was "purely a guess — a 'Kentucky windage kind of thing' — that was not based on any analysis. We are not that pessimistic. . . ."

The Tech, however, has a letter, confidentially obtained, addressed to Yardley from a top director in the shuttle development program. The following are excerpts from that letter:

I share your concern over the recent problems that have developed in testing of the Space Shuttle Main Engine. The additional review of the engine design and related engineering documentation from the standpoints of manufacturability, checkout, and quality control by a team separate from the on-going project is prudent and timely. . . . The team. . . will hear briefings. . . summarizing the project status, the recent test failures, and compo-

DSA office to get facelift

By Steven Solnick

A new faculty committee and a variety of redefined services highlight the proposed changes in the Office of the Dean for Student Affairs (ODSA) outlined last night at Feedback '79 by MIT Vice-President Constantine Simonides.

The new committee, to be named either the Committee on Student Affairs (CSA) or the Committee on Student Life, will most likely be charged with examining the various Institute-wide student support services and offering policy recommendations and advice to the DSA. The new committee is currently under consideration by the Committee on Educational Policy (CEP) which will probably propose it at the March 21 faculty meeting.

Changes to take place within the ODSA will probably include the redefinition of two branches of the Dean's Office. The Office of Freshman Advising will become the Office of Undergraduate Academic Support Services (OUASS). This office would control freshman orientation and advising as well as have more input into upperclass advising. These changes would include greater liaison with undergraduate departmental offices to support the upperclass advising system as well as a stronger departmental role in freshman advising.



Some directions of change for the DSA were announced last night at Feedback '79. (photo by Steve Solnick)

In addition, the administrative support services for the Committee on Academic Performance (CAP) would be moved to this branch of the DSA in order to strengthen the Dean's office support of that committee. Louise Antone '80, a CAP member, said that "the Dean's office already plays a large role in the CAP — as an information source," and indicated the change would probably not affect the committee greatly.

The Counseling section of the DSA would expand to become Student Assistance Services (SAS), dealing more with student activities and problems and less with academic matters and faculty relations than the Undergraduate Academic Support Branch. Student Assistance would include increased personal counseling, increased graduate student support, and an international student advisor (currently the foreign student advisor in the Admissions Office). Simonides indicated that he was hoping to provide a women students' activities coordinator and minority students' activities coordinator (distinct from the Office of Minority Education), but he added that the exact scope and nature of these posts was "subject to budget and personnel considerations."

Anitta Bliss '81, president of McCormick Hall, told *The Tech* she felt a women's coordinator was "something we've needed for a very long time." She said, "Currently it's difficult to get information to women students. It would be good to have someone to talk to."

The creation of the new CSA was reportedly prompted by a report to the CEP by Professor Sherry Turkle, chairperson of the

Committee on Student Environment (CSE). Turkle requested that the duties of the CSE, currently listed in the Rules of the Faculty as being "concerned with student life," be redefined to give the committee a clearer focus. The CEP then began to consider the possibility of creating a new committee (the CSA) to examine policies relating to the Dean's office — a relationship similar to that existing between the Committee on Freshman Advising and the OFA. The new committee, as currently envisioned by the CEP, would consist of 10 faculty members, 3 undergraduates and 2 graduate students. The future of the CSE, however, is unsure and Turkle described its current status as "incredibly transitional." One CEP member told *The Tech* there is "a clear indication the CEP will dissolve the CSE."

It is hoped the new committee would improve sagging relations between the Dean's office and the Faculty. Numerous faculty members have complained that there is no faculty channel to the Dean's Office. However, one member of the DSA staff reportedly expressed concern to the CEP that "faculty intervention in the Dean's Office could be deadly and demoralizing to the DSA staff." Another indicated that the CSA could provide student input to long-term policy issues but should not deal with individual "student gripes."

Other potential changes announced by Simonides include a full- or part-time business coordinator for fraternities, increased support to graduate student activities, closer DSA ties to the Placement Office, and a review of the residence/orientation program.

nent criticality. . . will review. . . the current inspection and checkout problems that are design-related.

. . . allow the team to form a preliminary assessment and to develop an approach for a further assessment that will result in constructive suggestions to improve the overall confidence in the engine. . . onsite activity. . . will improve our ability for detailed engineering review, will improve the mechanism for a quick and proper response to a problem. . .

. . . I intend to keep these extraordinary actions in effect until engine availability for STS-1 is assured.

These statements seem to verify the information obtained by *The Tech* from a confidential source associated with the shuttle program printed in the February 16 issue, a week before the *Times* story.

Record number of applications sent

Richmond Cohen

MIT Admissions has been confronted with the greatest number of undergraduate applications ever. The record number of 5220 applications is over 500 more than last year's total of 4717, and about 2000 more than the 3200 sent in six or seven years ago.

The number of female applications this year, 836, is almost thirteen percent more than last year's 740. In addition, the number of applications sent in by minority group members increased from last year's total of 302 to this year's 381. The amount of early action applications rose to 773 this year, compared to 662 from last year.

Director of Admissions Peter Richardson '48 attributes this sizable increase in overall applications to both a superior method of contacting possible future MIT students and to a steady growth in the popularity of engineering.

Richardson explained that the new method of

contacting students consists of one or more "central meetings" in each regional area. Invitations to attend the meeting to talk about MIT are mailed out to potential students. Richardson feels that the central meetings provide more efficient coverage of the area because only students who are truly interested in applying to MIT attend them. In areas where large numbers of students are expected to apply, more than one meeting is held. Previously, an MIT representative would go to individual high schools to discuss MIT with interested students. Richardson feels that interested students would not have gone to the meetings at high schools, due to lack of notification or conflicts with other duties.

Much time and energy has been expended to encourage women and minorities to study science and engineering at MIT, according to Richardson. However, he noted that in the final selection of students admissions will be offered only to those who are best qualified.

inside

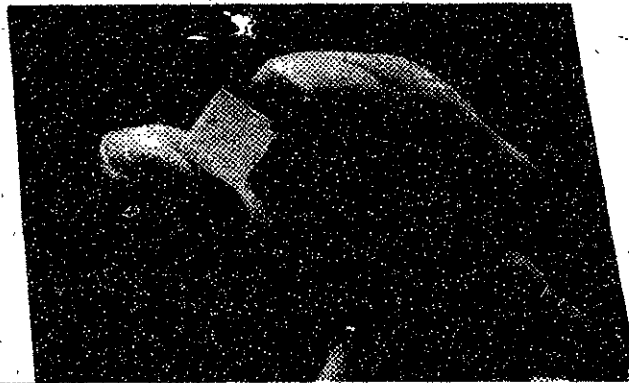
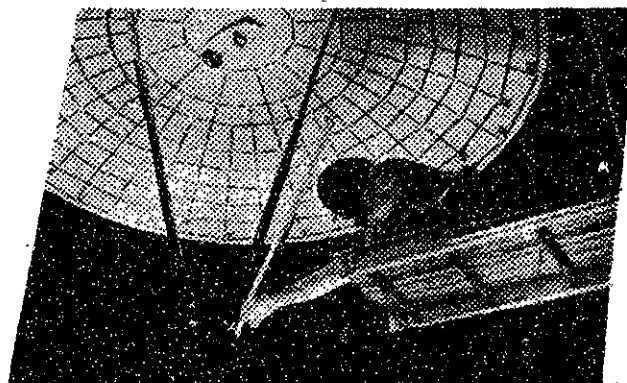
The entering freshmen of 1947 boasted of a "record crop" of women, as eleven new "coeds" were interviewed in *The Tech*. Page 3.

One of President Carter's recent budget cuts could hurt all students who plan to attend medical schools. Page 4.

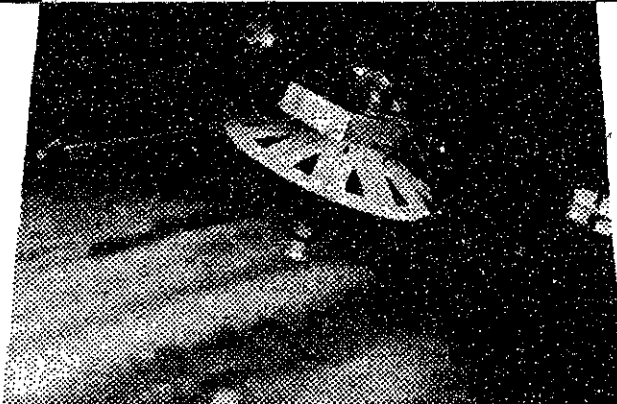
The story behind George Harrison's new album, *George Harrison*, is discussed in a review. Page 6.

The music of Gustav Holst is considered by Joel West inappropriate for the MIT Choral Society. Page 6.

The men's fencing team defeated Dartmouth last Saturday, bringing their record to 10-4. Page 12.



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news roundup

World

War continues in Southeast Asia — Chinese forces have penetrated 15 miles inside the Vietnamese border. Vietnam is sending more troops to its frontier, but Chinese spokesmen state that they have no intention of advancing further, and that their military action is purely punitive.

Khomeini issues warning to USSR — Iran's new government told the Soviet Ambassador to Iran that Iran would defend its independence, and warned all foreign powers not to interfere with its domestic affairs. The new government also reported that former Prime Minister Bakhtiar has fled abroad and is requesting his extradition.

Ugandan Town Captured — President Idi Amin of Uganda said that a regional center in southern Uganda was captured by a force of Tanzanians, mercenaries, and Ugandan rebels. Amin said he would cooperate with the Organization of African Unity in stopping the conflict. President Julius Nyerere of Tanzania said he would not consider negotiations until Uganda renounced its claims to Tanzanian land.

Nation

Jet fuel scarce in Kansas — TWA announced the cancellation of some flights in Kansas due to a local shortage of jet fuel. Texaco, which supplies the fuel, attributes the shortage to the halt in production of Iranian oil.

Campus

ASA elects new Execomm — At the February 26 general meeting of the ASA, Steve Berez '80 was elected President, Mary Rorabaugh '80 Treasurer, Cynthia Bedell '81 Secretary, Steve Frann '80 Member at Large to Finboard, and Charlie Brock '82 Member at Large.

— By Hy Tran

Weather

Mostly cloudy today with light rain or snow ending this afternoon. Northerly winds 15-20mph with highs 35-38. Partly cloudy skies tonight with lows 30-34. Generally sunny skies Wednesday with mild temperatures, highs 40-44. Chance of precipitation 80% today, 40% tonight, 30% Wednesday.

Marks chastises faculty

(Continued from page 1)

enough equipment and Red Cross personnel to shorten waiting times and increase blood-collecting capacity. "The number of nurses is a function of the number of appointment forms in before the drive begins," said Marks. He added that walk-ins are welcome at any time, though a delay may occur during some parts of the day. Persons with appointment forms have priority over walk-ins, and appointment times will be given out to applicants on a first-come, first-served basis.

Procedures for donating blood will remain the same in past drives. Refreshments, including orange juice, will be available for donors after giving blood.

Mark Sloan of TCA will chair the two-day Draper Lab/ Red Cross drive, aimed at Draper Lab personnel and East Campus and staff in buildings E17-19 and the surrounding area. The operation will be in Draper, but as it will only be a small setup aimed at the nearby employees, students are requested to wait until the regular Institute drive begins in the Sala.

The Interfraternity Conference (IFC) and the Dormitory Council (Dormcon) will host their traditional living group donation contests. In each category, the first, second, and third highest percentage donating living groups will receive a keg of beer. The living group in each organization that shows the most improvement

over their spring, 1978, effort will also get a free keg, unless they also finish in the top three groups. Should that happen, the other keg would go to the living group with the fourth highest percentage.

Due to the feeble response by the faculty during the fall '78 blood drive, the faculty inter-departmental beer contest will not be continued. Chairman Marks blasted the apparent apathy

among graduate students and faculty, asserting, "In last fall's drive, the appointment forms from undergraduates outnumbered those received from graduates and faculty by five to one. On this campus, there is a comparable number of each, and if a drive is to be successful it needs the full support of undergraduates and graduates, faculty and staff."



SCIENTISTS AND ENGINEERS

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Eleven women arrived in 1947

Editor's note: This fall, over 235 freshmen comprised 21 percent of the entering Class of 1982. Thirty-two years ago, The Tech as a "public service" introduced the MIT community to each of that year's new "coeds" — all eleven of them. (Reprinted from October 10, 1947.)

With the entering class of 1951 has come a record crop of girls. Once again, as a public service, *The Tech* introduces the freshman coeds to the men of Technology.

We arranged to meet the girls at Litchfield Lounge last Tuesday at 5:00 P.M. Only two of them showed up promptly so we began to have nervous fits. If you've ever been stood up on a date imagine the terror that accompanies the prospect of being stood up on nine dates at once. By 5:10, however, a hasty check showed seven more or less eager feminine faces.

The Class of 1951 has eleven coeds out of a total of about 900. There really may be only ten, but we'll get to that later. Eight of the girls attended freshman camp and all were assigned "big sisters" from among the older coeds. None have any complaints as yet.

Needs Roller Skates

When the coeds were asked about their first reactions to Technology, Priscilla M. Maurer answered quickly, "I need a pair of roller skates." Priscilla comes from Margaretville, N.Y. and is now living at the Technology girls' dormitory across the river on Bay State Road. She intends to take chemical engineering. Like most of the others, she just found herself interested in the technical subjects in high school. "My parents wanted me to go to Wel-

lesley and be a lady," she declared.

Margaret E. Irby agreed with Priscilla about the difficulties involved in getting around the far flung corridors of the Institute. Her solution is more pleasant than Priscilla's, Margaret would like to have a boy carry her books. She doesn't think Technology men are justified in their traditional gripes about Technology women. "Some boys are perfectly goons," she maintains. Only some, however, Margaret is a budding chemist from Ponca City, Oklahoma.

Two architects among the freshman coeds are Nancy Keating and Carol Meyer, Nancy commutes daily from Belmont. She spends her summers in Rio de Janeiro where her father works for the First National Bank of Boston. Since July is winter in the Southern Hemisphere, she misses summer all year round. Carol comes from Minneapolis, and is now living at the women's dormitory. "My father's a double E," she said, "but he's always been against me." Despite parental opposition, she intends to be

(Please turn to page 10)

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opinion

Leigh J. Passman

Carter budget cut is malpractice

While the fate of a National Health Insurance Program wrestles in the slow three-way tug-of-war between President Carter, Senator Edward Kennedy, and the American Medical Association, the fate of thousands of students soon to enter medical school and the demographic distribution of future doctors has been quietly thrown into a quandary.

In his Federal budget submitted on January 31, President Carter proposed the reduction of the federal capitation fund by 50 percent this upcoming fiscal year and the elimination of the program totally in 1980. The fund currently provides all medical schools — public and private — with \$1400 per student annually. This would be halved to \$700 next year and then vanish.

The program, instituted in 1968, served two functions. First, the funds encouraged medical schools to expand their enrollment. The Congressional all for medical school expansion arose from reports which, at the time, forecasted physician shortages and maldistribution in the 1970's. Even today there is a question whether shortage fears are warranted. However, there is no question that maldistribution still exists and is a critical problem.

The problem of maldistribution is not limited solely to shortages in rural areas. Maldistribution encompasses the polarization of doctors to the high income areas within urban regions and, thus, radically distributes care away from the areas of greatest need. This ties in with the second and more significant goal of the program.

The second goal of the fund was to subsidize the expensive cost of medical school tuition. Congress hoped that this would encourage qualified economically disadvantaged and minority students to attend medical school and someday enter the ranks in those areas lacking physicians. This philosophy originated to promote opportunities for these sectors of the student population and continues today in a transient form in the post-Bakke era.

The Bakke decision did not cast any negative light on tuition subsidy and certainly did not warrant Carter's slashing of the funding. If anything, the decision threw more weight behind the argument that capitation funding — on an across-the-board-basis — is the most equitable system to allay the inherent economic obstacles encountered by students.

Whether the elimination of funding will begin to lessen the supply of doctors is questionable, although it is the likely intent of the Carter Administration, in its long term plan to curtail public health spending.

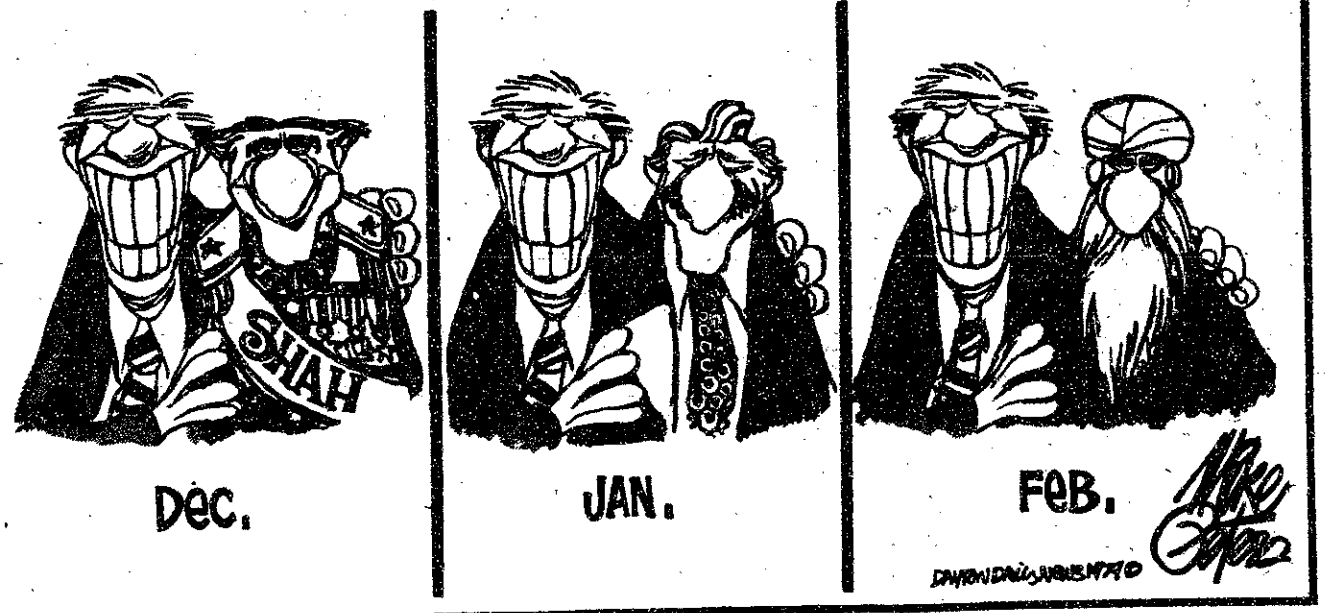
Given that the average annual expense for medical students was approximately \$4000 at public schools and \$7000 at private schools, the permanent \$700 addition for each of two consecutive years on top of inflationary increases is a potent jolt for institutions or students — whoever foots the bill.

Because not all public medical schools use the funds to directly offset tuition, not all schools will be need to pass the buck. However, according to Joseph Byrne, Associate Dean at Tufts University, "Elimination of the capitation money will raise private medical school tuition at least 22 percent." (Boston Globe, February 13, 1979)

Such an increase at those schools forced to pass this on to students will affect the applicant pool and hence the quality of future doctors. Excessively high tuition will favor wealthier students, while restoring hardships for minority and disadvantaged students. This will tend to fuel a class structure among future doctors and once again diminish the number of doctors heading for rural and urban areas to practice.

Congress should realize that many of the needs of medical students, and the urban and rural poor are tied to this program and should block Carter's funding guillotine.

BEST ACTOR IN A SUPPORTING ROLE



Michael Taviss

An unfavorable chain reaction

"Dear Reader:

This is a chain article. Make five copies of this article and send it to your five best friends. Within a week, with luck, another article will appear. . . .

Just a short time ago I received an example of that most obnoxious piece of junk mail known as the chain letter. This representative of the breed was particularly offensive. Not only was it written by a computer, thus proving that computers do not have intelligence, but it ignored the standard motivation of chain letters completely. There was no element of greed involved at all, (i.e. there was no mention of money.)

What, then, was the reward offered by this misguided, mischievous missive? I was told that if I didn't break the chain I would soon be the recipient of oodles and oodles of good luck. How, you may ask, did the originators of the chain plan to carry out the payoff? Do they have a direct line to Lady Luck? That might not be too far wrong. If the religious inscription at the head of the letter is to be believed, they have a direct line to someone far more powerful — God. I refuse to comment on the ridiculousness of this, except to note that if the Almighty has to stoop to sending chain letters to prospective worshippers He's in worse shape than I thought.

What really burned me was the subtle threat that death would accompany my breaking the chain. Well, I'm afraid I'm still alive. Maybe I shouldn't say that.

Several chain writing fanatics might be on my trail now that they know who broke their chain.

I will admit that this variant on the typical money grubbing chain letter was interesting to read. You must admit that the chain letter concept leaves room for many possibilities.

For example, imagine if you will, a chain letter telling all who received it to send five copies to friends, and a dime to the name on the top of the list. With no erasure clause, that person would soon become very rich. If the name happened to be Ed King, the state of Massachusetts would

be out of financial difficulty before you could say "balanced budget".

There are other examples. I quote one here, taken from the book *Work Hard and You Shall be Rewarded — Urban Folklore from the Paperwork Empire* by Alan Dundes and Carl R. Pagter:

Dear Friend:
This chain letter was started by a man like yourself in the hope it will bring relief.

This does not cost you anything. Kindly send a copy of this letter to five of your friends who seem equally tired and dis-

(Please turn to page 5)

The Tech

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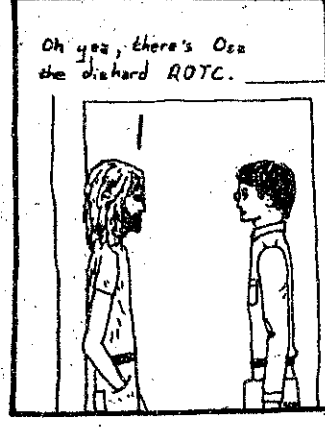
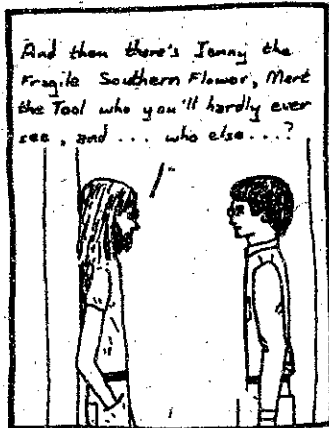
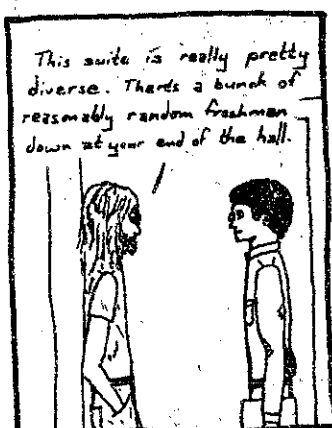


I DON'T KNOW WHAT GOT INTO ME... I WENT TO AMERICA... I ATE HAMBURGERS AND DRANK COCA COLA... I WORE A TEN GALLON HAT, AND THEN I INVADDED VIETNAM...

opinion

Paul Hubbard

By Kent Massey



Send five copies of this article to...

(Continued from page 4)

couraged. Bundle up your wife and send her to the man whose name appears at the top of the list and then add your name to the bottom of it.

When your name comes to the top of the list, you will receive 16,740 women. Some of them will be dandies.

You must always have faith. Do not break this chain. One man broke the chain and got his wife back again.

Sincerely yours,

P.S. At the date of this writing, a friend of mine received 556 women. They buried him yester-

day. It took three undertakers 35 hours to get the smile off his face.

(Women should not fret. Copies of this letter have been found with the sexes reversed.)

There is a final fascinating facet involved in the mechanics of chain letters. To keep the chain intact, each link must send copies of the letter to five friends. As any mathematically minded MIT student can tell you (or, failing that, an astute eighth-grader with a calculator) powers of five doom your enterprise before you even start. In fact, two seconds of number crunching on my faithful HP tells me that the number of

people necessary to keep the chain going outnumbers the world's population after only the fourteenth link. Oh well.

But wait. Who says that only inhabitants of the planet Earth can take part in the chain? I can just see it. Earth Interstellar Probe One is found by some beings from Altair IV. They put their computers to work to decipher the first message from Terran civilization. Out of the loudspeakers comes the words: "... (Crackle)... Dear Alien... (Hiss)... This is a chain satellite... Please make five copies of..."

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'Overawarding' not limited to work/study

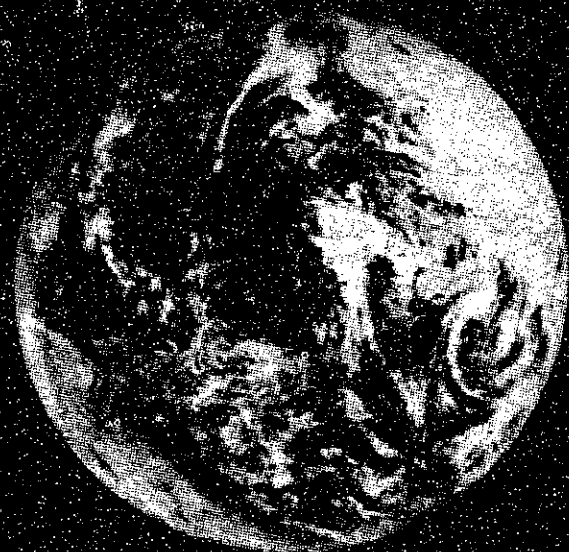
To the editor:

The Tech's recent article dealing with the question of "overawarding" as defined and controlled by Federal Regulations, focussed solely on the College Work Study Program. However, "overawards" are also at issue in the National Direct Student Loan Program, as well as with the Basic and Supplementary Educational Opportunities Programs. Virtually every undergraduate being financially aided through our Office is provided with assistance from at least one of these programs, hence the potential for an "overaward" through employment earnings exists whether or not the job is being funded by CWSP funds.

In all but a few cases, when students approach the limits of allowances under any of these programs, a reanalysis of our Financial Aid Officers' original determination of need results in the allowance of additional earnings without altering any of the other aid components. There are a considerable number of alternatives available to our officers in this reanalysis, and we explore every one of these when examining each case. These alternatives must be explored with each student individually, and this was why Mr. Armstrong wrote the letter to which your article referred.

Acceptance of a College Work Study position in no way increases one's susceptibility to this review; any student earnings must be considered in the total aid package. Although we realize and fully appreciate that these regulations may ultimately become a problem for a very few students, I am confident our staff will almost always be able to work out an equitable solution should a question of potential "overaward" arise.

Jack H. Frailey
Director of Student Financial Aid



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INTERNATIONAL HARVESTER

IH will be holding
interviews at the MIT
Placement Office on
March 16, 1979.

George Harrison's latest no dark horse

By David Shaw

George Harrison, *George Harrison. Dark Horse* records DHK 3255.

George Harrison's new album, *George Harrison*, has an interesting story behind it. In an interview George explained, "I thought, 'I haven't written anything for a year - since 33 1/3, what happens if I can't write anymore?' So I wrote this song, and I was a bit embarrassed because it was so catchy and simple. It's like one of those songs, you know it straight away." Catchy and simple is the best description of this album, probably George's best effort since *All Things Must Pass*.

The opening cut, "Love Comes to Everyone," is a superb, chunky ballad, full of George's characteristic strumming; this cut is destined to become the hit single from the album. The slow, bluesy "Not Guilty" follows; a song George wrote at the time he wrote "Piggies" and "While My Guitar Gently Weeps" for the White

Album in early '67. The song deals with legal hassles, one of George's favorite topics; the line "not upset the applecart" relates the tune to the problems the Beatles had with Apple records. The title of the next song is a surprise: "Here Comes the Moon" (yes, that's right, "Here Comes the Moon"). Harrison adds: "Nobody else has written 'Here Comes the Moon' and they've had ten years to think of something." The song isn't a retread with the word "moon" substituted for "sun," rather, it is a slow, pretty ballad with an effective reggae-like chorus.

Side two of the album doesn't fare as well as the first side. The opener "Faster," is an attempt at writing a racing song. Instead of the usual screaming guitars and inane lyrics, however, Harrison uses a heavily orchestrated background and meaningful lyrics; but the tune ceases to be a racing song and begins to sound like one

of his Hare Krishna inanities, "Dark Sweet Lady," an experiment with mariachi rhythms, saves side two from total failure. The song is a real joy to listen to — the spanish guitars and marimbas give it a warm, acoustic feel. The album closes with "If You Believe," a song co-written by Gary Wright. It turns out to be a typical Harrison rocker replete with whining slide guitars and a heavy brass arrangement.

Harrison is assisted by his usual crop of excellent musician/friends (Steve Winwood, Eric Clapton, Gary Wright, Willie Weeks) and able producer Russ Titlebaum, so you are assured of technical perfection of the album. The songwriting, although flawed in spots, is some of George's best, making *George Harrison* a must for any Beatle collector or "mellow" freak. For anyone who enjoys simple tunes written by an old master, this album is worth your attention.

Choral Society and Holst incompatible

MIT Choral Society, Laurie Stewart Otten, mezzo-soprano, Douglas Thompson, tenor; John Oliver, conductor. Gustav Holst *Six Medieval Lyrics for Male Voices, Seven Part-Songs for Female Voices, Psalms 86 and 148. Sunday afternoon in Kresge.*

By Joel West

The British born composer Gustav Holst (1874-1934) is best known for his sensationalistic *The Planets*. As an orchestrator, Holst ranks as one of this century's most original, as evidenced by the choral works presented Sunday.

Before Holst, Delius, Elgar, and Vaughn Williams, the English had lacked a composer of international stature since the days

of Henry Purcell. It thus seems appropriate that Holst chose his text for the first work, not from more recent sources, but instead a translation of medieval Latin verses *Six Medieval Lyrics for Male Voices*.

The men began the concert with the robust "Drinking Song," a vigor that, unfortunately, was not to be matched for the rest of the evening. Although the tenors harmonized nicely in the opening song, in the subsequent "Love Song" they seemed lacking in tone as contrasted with the warm middle range of the basses.

In "Intercession" the men manifested more serious technical faults. The low basses had a tone quality comparable to coarse gravel while the final cadence was a bit

rough and uncertain, a sloppy cut-off was also the problem with "Good Friday," while "Before Sleep" seemed to describe the mental state of the chorus.

Perhaps the writing of Holst was in some way responsible for the unsatisfactory performance; he seemed to write the tenors too high, and the basses too low. But, after the first two songs, the men delivered a performance that was emotionally flat.

The lyric voices of the women over a viola pedal tone marked the beginning of *Seven-Part Songs*; "Say who is this" demonstrated the strength of the Choral Society's soprano section, which dominated the altos throughout the collection.

The song also introduced mezzo-soprano Laurie Stewart Otten. Otten displayed an excellent voice when not stretched beyond its range, as she did in "O Love, I complain" or on lower passages of "When first we met."

On the latter song, the other women gave a jumbled and confusing interpretation of the canon, pushed perhaps too rapidly through the piece. On "Angel spirits of sleep," the ethereal quality of Holst's muted strings was ruined by a few overpowering voices in the chorus. The final song, continued on interminably, though it is not clear whether it was a lack of inspiration on the part of the chorus or the composer that was at fault. The collection ended nicely, displaying none of the technical sloppiness which marred the conclusion of the men's pieces.

Psalm 86 brought all the forces together for the first time. The supplications of tenor Douglas Thompson were well supported by his fine warm voice, though it got into trouble somewhat in its lower range; his antiphonal passages with the women were far more satisfying than Otten's tight high notes. The full power of the chorus and organ brought a strong ending to the work.

Holst's *Psalm 148* is an adaptation of melody from the 1623 Cologne *Gesangbuch*, which latter became a popular Anglican hymn. The Choral Society seemed to save the best for last, for this seemed to be the first piece that they really had their heart into. The group did a fine job with Holst's counterpoint writing until reaching the simple 4-part chord that concluded the afternoon's offering.

on the town

MIT

Philosopher/inventor Buckminster Fuller will give a lecture March 14. Tickets are currently on sale in Lobby 10, the LSC office, and at all LSC movies.

Stage

The MIT Shakespeare Ensemble will present an evening of Scenes this Friday and Saturday; featured will be scenes from *King Lear* and sketches by Harold Pinter. The presentation is at 8pm in room 9-150; admission is free.

The Boston Shakespeare Company continues *Measure for Measure*, in repertory with *Twelfth Night* and Moliere's *The Miser*. For further information, call 267-5600.

The Next Move Theatre presents *This End Up*, a topical comedy review with through Sunday, with two shows on Saturday. The show runs through March 4; student rush is available. For ticket information call 536-6769.

The Boston Arts Group presents two one-act plays, *The Yellow Wallpaper* and *I Can Feel the Air*. The two original plays, both dealing with the repression of women around the turn of the century, will be presented Thursday through Saturday at 8 with a Sunday matinee. The pair continues through March 18; for more information call 267-8518.

Movies

From Wed. Feb. 28 through Tues., March 13, Off The Wall will present *The Universal Sound of Jazz*, the first program

of the three-part *Third Annual Jazz on Film Festival*. The show is compiled entirely from the excellent Universal-International series of jazz films (1942-57). Over forty of these high quality shorts were produced, using most of the top jazz names of the period. Off the Wall, through a special arrangement with Universal, has selected from the best of this series. For performance and ticket information call 547-5255.

This week's LSC lineup:

The Trouble with Tribbles/The Menagerie Fri., 6:30 & 10, Kresge.

Rashomon (classic) Fri., 7:30, 10-250.

Eyes of Laura Mars Sat., 7 & 9:30, 26-100.

The Treasure of the Sierra Madre Sun., 6:30 & 9:30, 10-250.

The Cantata Singers

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Upbeat company upends *This End Up*

This End Up, an original comedy revue starring Martin Anderson, Brad Jones, Karen MacDonald, Lanie Zera. Music by Tom Megan, directed by Scott Redman. Currently playing at the Next Move Theatre.

By Joel West

As a reviewer, this is a hard show to approach: There is no plot; there are no stars. Rather, the evening's entertainment is a series of 22 sketches performed by the same group of four actors.

However, the reviewer's distress is everyone else's delight. The audience (the night I went) was constantly smiling, laughing and applauding, interacting with the performers in a way not possible in a large theater. Only someone overdosed on tranquilizers could fail to respond to *This End Up*.

One of the most inspired moments of the evening begins when a uniformed Karen MacDonald enters during one sketch and accosts the audience with "Who's got the car parked out on Hereford Street?" Her Boston Police Department costume allows her to comment on the insanity of a town where three dozen unpaid parking tickets per driver is the norm. Although MacDonald's accent is borrowed from Lily Tomlin, her material is perceptively written.



Martin Anderson is the price-slashing "Dr. Dan the Medicine Man" in *This End Up*.

This poignant ballad that closes the first act is probably Anderson's best moment. His portrayal of the harmless screwball "Mr. Tots" (freely patterned after Mr. Rodgers) is impressive enough, but most of the writing of the remainder of the evening gives him little chance to bring off a more complex character. As "Dr. Dan," the Cal Worthington of the medical world, he can demonstrate his rapid-fire oratory, while his "Hippy Parents" he acts out a cliché counterculture father.

Actress Lanie Zera also gets her share of cliché roles — as the other "hippy parent," as the mother perplexed by modern toys and as the peace-making influence during her daughter's "Prom Night." Although not overly versatile, she gets a chance to demonstrate her powers of expression in "Another Love Song," which is notable more for its lyrics and acting than the music and Zera's singing.

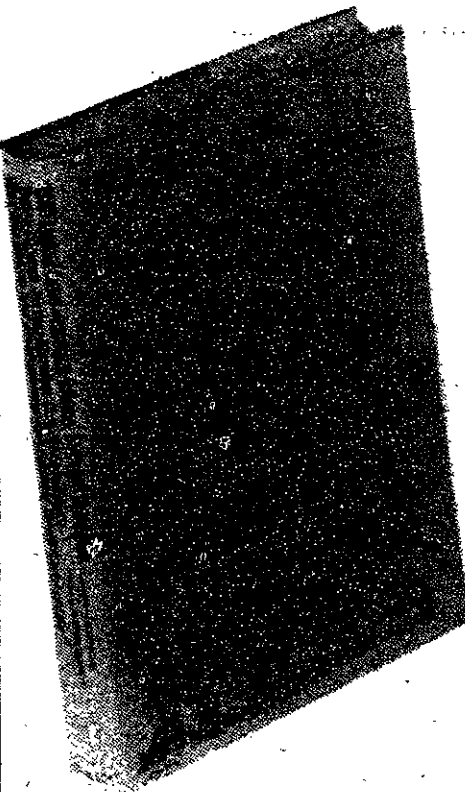
While some of the skits, such as "Singles" and "First Time," border on social commentary, the main purpose of *This End Up* is not to give a snapshot of contemporary American society. Rather, it is to provide light and undemanding entertainment; in the latter it is totally successful, and is to be recommended to all.

MacDonald is arguably the most talented of the four performers. Her roles run the gamut, from an exasperated teenager to an alluring lady of the night, the crotchety cop to a drug-using loser on the singles scene. Her singing voice is the only good one in the company; the writing in "First Time" takes advantage of this talent, with her voice nicely interwoven with that of Brad Jones.

Jones' voice is not quite as good; but his abilities as wind player make him musically indispensable. In "Combat Zone Blues" the duet of Jones on tenor sax with MacDonald's voice conveys the atmosphere of some of the Hub's less reputable night-spots, with valuable assistance from the piano playing of Tom Megan. The two men's efforts are similarly rewarding when accompanying MacDonald and Lanie Zera, who sing the absurd "He's Nothing But a Clone."

As a singer, Jones camps it up in "I Am Everything" — his low tenor is relaxed, but higher passages are strained in a sketch which is somewhat overdone. On the other hand, his simple accompaniment on an end-blown flute sets the mood for Megan's "Ballad of Louise," half-spoken/half-sung by Martin Anderson.

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notes

Announcements

Once again the Biology department is accepting nominations for the **John Asinari Award for Undergraduate Research in the Life Sciences.**

Eligibility: Undergraduates in Course VII, VII-A and VII-B.

Details: See Ed Gaudiano in Room 56-524, Ext. 3-6715.

Deadline for submissions: Apr 20, 1979.

* * * *

Essay Contest — \$200 Prize — open to all undergraduate/graduate communications majors in N.E.

Subject: "Women in Communications Management: how women can help each other get ahead"

Deadline: postmarked by March 1, 1979

Sponsored by: Boston Chapter, Women in Communications, Inc.

Entries mailed to: Charlotte Berman, 190 High St., Apt. 407, Medford, MA Please include name, address, phone number, school, and class year with entry.

* * * *

Two \$2,000 scholarships are offered through the Mass State Federation of Women and Women's Clubs (MSFWC) Memorial Education Fund in this coming year for graduate study in the fields of Marine biology or Business Administration.

In addition two \$500 scholarships are offered through the MSFWC International Affairs Dept. for study abroad. These can be used either for a Junior year abroad program or for graduate study.

Completed applications must be received before March 1, 1979. Further information and application forms can be obtained from Dean Jeanne Richard in the Graduate School Office, Room 3-136.

Lectures

Boston Mayor Kevin White will be speaking on Tues. evening, Feb. 27, at 8pm. The talk will be held at the Harvard Law School campus, in Langdell South Middle.

The lecture will be open to the general public, and the admission price will be \$1.00. For further information call the Harvard Law School Forum office, 495-4417.

Arts

The All-MIT Talent Show will be held Fri., March 9, 8pm in the Sala. Auditions will be Sun., March 4 with M.C. auditions the-

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For info call Bruce dl-9485, Russ dl-9477, or Anne dl-8670.

Sports

All athletic chairmen wishing to maintain their affiliated status must stop by the intramural office. Anyone wishing to become an athletic chairman must attend one of two workshops being held on Wed., Feb. 28 and Sun., March 4 at 7pm in 4-149.

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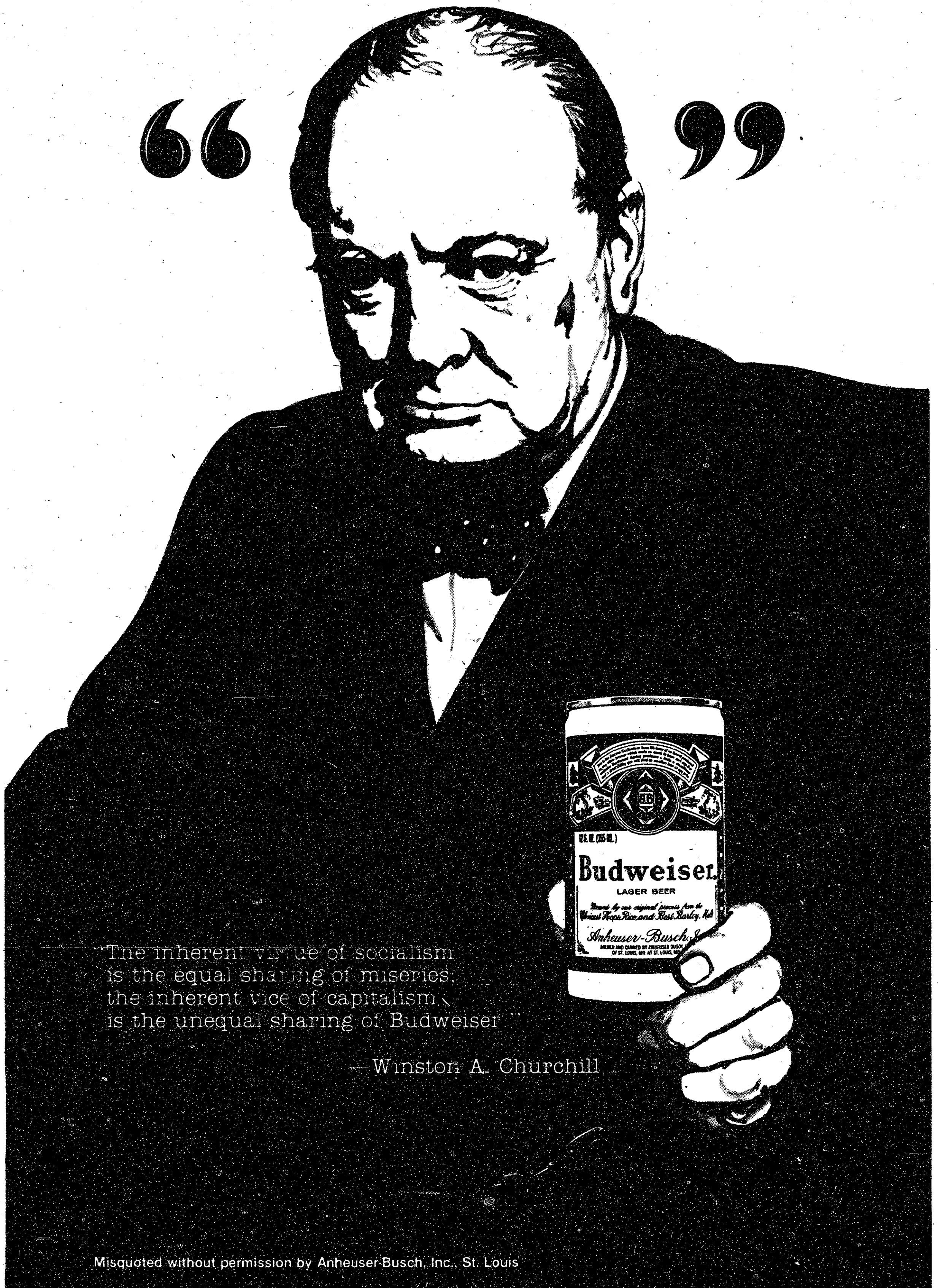
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is the equal sharing of miseries,
the inherent vice of capitalism
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— Winston A. Churchill

Early MIT women daring

(Continued from page 3)

an architect and not just a college graduate. Carol is also very talented at the piano and entertains the other coeds with classical music in the Margaret Cheney Room.

Double Threat Woman

Madge Rosenbaum, another dorm resident, hails from Chicago and expects to take up both courses I and II. When she graduates who will build bridges and Coke machines. Her family was surprised, but they offered no objections to an engineer for a daughter. She's in technical work because she's interested in it and does not particularly care about earning more than a modest living. She's lucky she won't have to support a spouse, when she gets one; that's one less problem than her male colleagues will have.

Eva Tislowitz attributes her interest in Chemistry to her mother who was a geologist and who helps her with her homework. Eva is ambitious; she intends to go through courses V and X, but we'll wait and see what happens after she gets through freshman chemistry. Originally from Vienna, Eva commutes from Brookline. She feels that there are too many men about, but when we asked her if she felt swamped she replied, "Oh, no!" Most of the girls think that Tech-men have been very considerate and helpful. They have even been known to approach confused looking freshman females and offer their services. Why, they're almost getting to be gentlemen!

Most of the girls are seventeen or eighteen years old, but Sonja Keller, a new chemistry student is twenty-one. Referring to the other girls, she declared, "I have a very motherly attitude towards them." Speaking for all of them she said, "We are very partial to our class and we will win field day." Almost all the girls like the freshman ties which have come back to the Institute this semester; the color scheme is very attractive and according to Sonja, the freshman rules will be good for their characters. Sonja has worked in a chemistry laboratory for three years in Bolivia after emigrating from Czechoslovakia and for half a year in New York

where she now lives.

Mystery Woman

No one seems to know anything about Ruth T. White. Up to now she hasn't shown up at the Institute and all anyone can find out is that she comes from Washington, D.C., and is transferring from another college to our freshman class.

By doing some leg work, we located Rachel M. Goetchius who is nursing a cold she picked up at Freshman camp. The camp's frigidity was a general source of goose-pimples and colds to the girls, but Priscilla (see the beginning of this article) declared that Dr. Nelson of the Institute's Medical Department cured her sniffles. The coeds seem to be generally enthusiastic about him, with Rachel giving a testimonial of how he helped her sprained

wrist. Incidentally, Rachel is from Wollaston, another commuter and another course IV woman.

By lurking in the vicinity of the Cheney Room, we finally got in touch with Patricia A. Wolfe and Eleanor L. Semple, the two remaining holdouts. Pat is a course VI woman, of all things, from St. Davids, Pennsylvania, a suburb of Philadelphia. She went to an all-girls' school in Bryn Mawr and decided to go in for engineering to shock all the girls who asked her, "what are you going to be when you grow up?" Eleanor, from Rumford, R.I., is described as "the tall blonde." She intends to be an aeronautical engineer and maintains that there should be no distinction between men and women at Technology; that's what made her so difficult to find.

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Arts regularly presents the community with reviews of recent movies, books, performing groups, and albums, and stays in contact with area producers, and musicians.

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Pistol shoots up sectionals

Gordon R. Haff

In a strong comeback from their first loss of the season against the Naval Academy the week before, MIT's Varsity Pistol Team took top honors at the National Collegiate Sectionals held at MIT on Saturday.

Team members David Miller '79, Tony Parham '80, David Schaller '78, and Bob White '79 fired a team total of 3101 to swamp teams from the Coast Guard Academy, Worcester Polytechnic Institute, and the University of Massachusetts in the Sectional Pistol Match.

Strong individual scores by Miller (772), Parham (774), and Schaller (803) nominated these shooters for All-American selection later this spring.

In the Sectional Air Pistol Match the MIT team of Miller, Schaller, Jim Showalter '80, and White again showed its strength, winning the team match. Miller's score of 356, and Schaller's 366 were again sufficient for All-

American nomination, this time for the Air Pistol Squad.

In the International Preliminary Team Tryout for Standard Pistol and Centerfire Pistol on Sunday, the MIT Varsity team of Miller (569), Schaller (577), Arj Wichiencharoen '80 (566), and John Blascovich '82

(496) fired a team total of 2208 to set a new National Collegiate Record in the Centerfire match.

The Varsity Pistol team's record is currently 6-1, and the team will be winding up their collegiate season this coming weekend at MIT against the Air Force Academy and West Point.



Jonas Aleksonis '80 (center) shoots against Navy in last Saturday's home meet of the pistol team. (photo by Ken Schreiber)

Fencing foils Dartmouth

By Brian F. Wibecan

Editor's Note: Brian Wibecan is a member of the fencing team.

In a particularly strong showing, the men's fencing team trounced Dartmouth 19-8 Saturday at Dartmouth. This brings their record to 10-4.

All three weapons contributed about equally to the victory. Foil capped off an outstanding season

with seven victories. Rich Hemphill '79, Jim Freidah '81, and Eric de Beus '82, the varsity starters, each contributed two strong bouts. Terry Chen '80 took the seventh. Sabre picked up six bouts, including an exciting 5-4 victory over Dartmouth's top sabreur. Dalhoon Chun '80 won two close ones, and Brad Nager '82 added a strong 5-0 bout to the

cause. Epee also took six, led by captain John Rodrigues '80. Rodrigues won both his bouts, including a tough bout with Dartmouth's first epeeist. Rob Schoenberger '81, Chris Braun '82, Steve Kopelson '79, and Dave Heller '79 each added one victory.

This was an important victory for the MIT team, as Dartmouth is among the strongest of the competition at the New England Championships. Since they "literally blew them out of the room," according to assistant coach Bruce Livingston, the team expects an excellent showing at the New England (this Saturday, March 8, at Southeastern Massachusetts University), and they should easily win a tenth consecutive championship.

The decision of who will fence Saturday is a difficult one—the squad members will be fencing among themselves to determine placement this week. This will also have effects on who will be fencing in which spot at the Eastern Championships the following week. The team expects a fairly good showing there, and a good performance in foil — possibly the foil championship.

A week later, the top fencer in each weapon should be off to the NCAA fencing championships (there is only one division in fencing), with what coach Eric Solle feels is a good chance to end up All-American in the team standings.

Women swim to twelfth in NE

By Gregg Stave

Editor's Note: Gregg Stave is manager of the swimming team

The MIT Women's Swim Team (6-2) started slowly at the New England Championships held at Springfield on February 15-17 but gathered momentum and finished twelfth in the field of thirty six teams. Only two of the schools that finished ahead of MIT don't offer scholarships. The team scored one hundred points in the competition, a substantial improvement over last year. MIT also avenged a dual meet loss to Tufts by finishing ahead of the Jumbos at the championships.

School records were smashed throughout the meet but the women saved their grand finale for the last event, the 400 yard freestyle relay. In that race the team of Karen Klinecicz '82 (:57.1), Karen Fabricious '80 (:57.4), Mary Krull '80 (1:00.1) and Judy Snodgrass '81 (:58.7) bested the school record by several seconds as they recorded a 3:53.4 finish. That time earned eighth place.

With the exception of that spectacular relay the key to MIT's success was consistent swimming. Karen Klinecicz, who set seven individual records this season and swam on four record relays swam well at the championships. Klinecicz finished eleventh in the 100 yard butterfly (1:04.2) and ninth in the 100 yard individual medley (1:05.2). She also won the

consolation finals in the 200 yard individual medley (2:19.1) and shattered her own record in the 500 yard freestyle by finishing sixth in the finals with a 5:21 clocking.

Captain Sheila Konecke '80 picked up important points by finishing sixteenth in both the 50 yard and 100 yard breaststroke events. In the 200 yard breaststroke Konecke qualified for and held tenth place in the consolation finals by completing the eight laps in 2:43.0.

Karen Fabricious scored points by finishing thirteenth in the 50 yard butterfly with a time of :29.5. The 800 yard freestyle relay team of Klinecicz, Fabricious, Krull and Snodgrass set another record finishing in 8:36, fast enough to place eleventh. Snodgrass also demolished her own school record by over a minute when she swam the sixty laps of the 1650 yard freestyle in 20:05.

Career bests were recorded by Krull, with a :59.7 from a flat start in the 100 yard freestyle and by Liz Newman '81 with a 6:53 in the 500 yard freestyle.

Tomorrow the women take on Wesleyan in a double meet with the Men's team at the Alumni Pool. Starting time is two o'clock. In their last meet against Wesleyan, the women won 71-60. Karen Klinecicz qualified for the Nationals on the basis of her performance in the 100 freestyle.

MIT students become Volunteers for Youth

By David A. Schaller

While most MIT students have high self-esteem nurtured by years of success in scholastics, sports, and other endeavors, many youths lack this important value. Last Wednesday at an introductory meeting for the NCAA-sponsored Volunteers for Youth (VY) program it was outlined how MIT students could help Cambridge-area students develop self-esteem for themselves.

Founded on the idea of a one-to-one relationship between college athletes and local junior high students, the VY program has grown from a start at Stanford in 1969 to currently include about 30 colleges. MIT's program was started just over one year ago, and has already grown to involve about 40 MIT athletes as "big brothers" or "big sisters."

Selected junior high students and MIT volunteers are interviewed to find good match-ups, and then it is up to the two people involved to get together and

develop a friendship. New volunteers are not left all to themselves, however. Bruce Wrobel '79, Gary Spletter '79, Enora Kunica '80, Jean Singer '79, and Art Aaron '80, the student directors, plan several group outings, give advice, and coordinate the project.

While interested in new members, Kunica pointed out that "We're looking for quality, not quantity." Because of problems at home or in school, it is important to maintain contact with these kids, since a lack of effort to maintain a close relationship is seen as a rejection by them. Experience has shown that a huge time investment is not required. "Our guideline is a one year commitment, spending about 15 hours of time per month," Singer explained, "and there should be at least a phone call or other contact each week."



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